



# 1/6 Original (for SUBMISSION) - printed on 24.07.2003 11:31:54 AM

108136/HNY

	For receiving Office use only	
-1	International Application No.	
-2	International Filing Date	
1-3	Name of receiving Office and "PCT International Application"	
	Form - PCT/RO/101 PCT Request	
0-4		PCT-EASY Version 2.92
0-4-1	Prepared using	(updated 01.07.2003)
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the	Norwegian Patent Office (RO/NO)
0-7	Applicant's or agent's file reference	108136/HNY
I	Title of Invention	NEW MUTANT STRAINS OF PSEUDOMONAS FLUORESCENS AND VARIANTS THEREOF,
		METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION
<u>.</u>	Applicant	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION
H H-1	Applicant This person is:	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only
-	· ·	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US
11-1	This person is:	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS
II-1 II-2	This person is: Applicant for	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US
II-1 II-2 II-4	This person is: Applicant for Name	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS
II-1 II-2 II-4	This person is: Applicant for Name	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya
II-1 II-2 II-4	This person is: Applicant for Name	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen
II-1 II-2 II-4 II-5	This person is: Applicant for Name Address:	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen Norway
II-1 II-2 II-4 II-5	This person is: Applicant for Name Address: State of nationality	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen Norway NO NO
11-1 11-2 11-4 11-5	This person is: Applicant for Name Address: State of nationality State of residence Applicant and/or inventor	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen Norway NO
11-1 11-2 11-4 11-5 11-6 11-7	This person is: Applicant for Name Address: State of nationality State of residence Applicant and/or inventor This person is:	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen Norway NO NO applicant and inventor US only
II-1 II-2 II-4 II-5 II-6 II-7 III-1	This person is: Applicant for Name Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen Norway NO NO applicant and inventor US only GIMMESTAD, Martin
II-1 II-2 II-4 II-5 II-7 III-1-1 III-1-1	This person is: Applicant for Name Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen Norway NO NO  applicant and inventor US only GIMMESTAD, Martin Lidarende 9
II-1 II-2 II-4 II-5 II-7 III-1-1 III-1-1	This person is: Applicant for Name Address:  State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First)	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen Norway NO NO applicant and inventor US only GIMMESTAD, Martin
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II-1 II-2 II-4 II-5 II-7 III-1-1 III-1-1	This person is: Applicant for Name Address: State of nationality State of residence Applicant and/or inventor This person is: Applicant for Name (LAST, First) Address:	METHODS FOR THEIR PRODUCTION, AND USES THEREOF IN ALGINATE PRODUCTION  applicant only all designated States except US FMC BIOPOLYMER AS P.O. Box 494 Brakeröya N-3002 Drammen Norway NO NO  applicant and inventor US only GIMMESTAD, Martin Lidarende 9 N-7051 Trondheim

	Applicant and/or inventor				
		applicant and inventor			
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		Norway			
111-2-6	State of nationality	NO			
111-2-7	State of residence	NO			
111-3	Applicant and/or inventor				
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111-3-2	Applicant for	US only			
111-3-4	Name (LAST, First)	KARUNAKARAN, Karuna, Ponniah			
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111-3-6	State of nationality	CA			
111-3-7	State of residence	CA			
10-4	Applicant and/or inventor				
101-4-1	This person is:	applicant and inventor			
111-4-2	Applicant for	US only			
111-4-4	Name (LAST, First)	BAKKEVIG, Karianne			
111-4-5	1	Snorresgt. 1			
ui-4-0	- Paulous	N-7030 Trondheim			
		Norway			
111-4-6	State of nationality	NO			
111-4-7		NO			
10-5	Applicant and/or inventor				
61-5-1		applicant and inventor			
111-5-2		US only			
111-5-4		ERTESVÅG, Helga			
		Symrevegen 3			
111-5-5	Muudoo-	N-7050 Trondheim			
		Norway			
	State of nationality	NO			
111-5-6		NO			
111-5-7	State of residence	INO .			

	pplicant and/or inventor		
	ppicant and or more	applicant and inventor	
		US only	
1		ELLINGSEN, Trond	
			•
III-6-5 A		Markaplassen 273	
	<b>!</b>	N-7054 Ranheim	
	i	Norway	
	,	<b>NO</b>	
	J	МО	
	Applicant and/or inventor		
HI-7-1	This person is:	applicant and inventor	
111-7-2	Applicant for	US only	
111-7-4	Name (LAST, First)	skják-bræk, Gudmund	
111-7-5	Address:	Nedre Bergsvingen 6	٠.
		N-7152 Trondheim	
1		Norway	
111-7-6	State of nationality	NO .	
111-7-7	State of residence	NO	<u>-</u>
W-8	Applicant and/or Inventor		•
10-8-1	This person is:	applicant and inventor	
III-8-2	Applicant for	US only	
UI-8-4	Name (LAST, First)	VALLA, Svein	
III-8-5	Address:	Naustanveien 2	
		N-7560 Vikhammer	
`		Norway	
III-8-6	State of nationality	NO	
111-8-7	State of residence	NO	
N-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent international Authorities as:	agent	
IV-1-1	Name	BRYN AARFLOT AS	
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IV-1-4	Facsimile No.	+47 22 00 31 31	•
(V-1-5	e-mail	mailto@baa.no	

<b>7</b>	Designation of States													
V-1	Regional Patent (other kinds of protection or treatment,	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM												
		ZW and any other State which is a												
		Contracting State of the Harare Protocol												
	concerned)	and												
		EA:	AM	AZ	BY	KG	KZ	MD	RU	TJ	TM	an	da	ny
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•		NE	SN	TD	TG	and	i ar	y c	the	er 8	Stat	e w	hic	h is
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V-2	National Patent	AE	AG	AL	AM	AT	ΑU	AZ	BA	BB	BG	BR	BY	BZ
• •	(other kinds of protection or treatment,				CM						DK			EC
	If any, are specified between parentheses after the designation(s)	EE	ES	FI	GB	Œ	GE	GH	GM	HR	HU	ID	IL	IN
	concerned)	IS		KE	KG	KP	KR	KZ	LC	LK	LR	LS	LT	LU
		LV	MA	MD	MG	MK	MN	MW	MX	MZ	NI	NO	NZ	OM .
		PG	PH	PL	PT	RO	RU	SC	SD	SE	SG	SK	SL	SY
		TJ	TM	TN	TR	TT	TZ	UA	DG	US	UZ	VC	VN	YU
		ZA	ZM	ZW							•			
7-5	Precautionary Designation Statement	1					_							•
	in addition to the designations made	1			٠.									
	under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b)	1												
	all designations which would be	i		•										
	permitted under the PCT except any designation(s) of the State(s) indicated	1							•					
	under Item V-6 below. The applicant	1												
	declares that those additional designations are subject to confirmation												•	
	and that any designation which is not	1												
•	confirmed before the expiration of 15	1		. ••	•				•					
	months from the priority date is to be regarded as withdrawn by the applicant	1												
	at the expiration of that time limit.													
V-6	Exclusion(s) from precautionary designations	ио	NE								· ·		•	
VI-1	Priority claim of earlier national													•
\# 4 4	application  Filing date	26	.7	7	200	2 4	26	07	200	2)			•	•
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VI-1-2			-	<i>33</i> 0	•									÷
VI-1-3	3 Country	NO	<u>'                                     </u>											

1-2	Priority document request					
	prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	(22)			
/11-1	International Searching Authority	Swedish Patent Office (ISA/SE)				
/II-2	Request to use results of earlier search; reference to that search	2222 /22 /				
<b>VII-2-1</b>	Date	29 January 2003 (29.0	11.2003/			
<b>/11-2-2</b>	Number	2002 3581				
VII-2-3	Country (or regional Office)	NO				
VIII	Declarations	Number of declarations				
VIII-1	Declaration as to the identity of the inventor	-				
VIII-2	Declaration as to the applicant's entitlement, as at the International filling date, to apply for and be granted a patent	-				
VIII <b>-3</b>	Declaration as to the applicant's entitlement, as at the International filing date, to claim the priority of the earlier application	•				
VIII-4	Declaration of Inventorship (only for the purposes of the designation of the tinited States of America)	-				
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to tack of novelty	-	electronic file(s) attached			
IX	Check list	number of sheets				
DC-1	Request (including declaration sheets)	6	-			
IX-2	Description	36	-			
1X-3	Claims	4	•			
IX-4	Abstract	1	EZABST00.TXT			
IX-5	Drawings	4	-			
DX-7	TOTAL	51				
	Accompanying Items	paper document(s) attached	electronic file(s) attached			
1X-8	Fee calculation sheet		-			
IX-15		<b>*</b>	•			
IX-17		-	Diskette			
IX-18		Copy of Official				
IX-19	accompany the abstract	<u> </u>				
IX-20	Language of filing of the international application	English				

DCT R	EQUEST		108136/HNY
FOIN	Original (for SUB	MISSION) - printed on 24.07.2003 11:31:54 AM	
X-1	Signature of applicant, agent or common representative	Here Nymben BRYN AARFLOT AS	
X-1-1	Name	BRYN AARFLOT AS	
X-1-2	Name of signatory	Hege Nymoen	
X-1-3	Capacity	Patent Attorney	
10-1	Date of actual receipt of the	RECEIVING OFFICE USE ONLY	
10-2	purported international application  Drawings:		
10-2-1	Received		
10-2-2	Not received		
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application		
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		
10-5	International Searching Authority	ISA/SE	
10-6	Transmittal of search copy delayed until search fee is paid		·

### FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	